

**TABLE 7-1  
AOC SUMMARY TABLE**

**REMEDIAL INVESTIGATION REPORT  
STRATFORD ARMY ENGINE PLANT  
STRATFORD, CONNECTICUT**

<b>AOC GROUP</b>	<b>DESCRIPTION</b>	<b>AOCS</b>	<b>EXPLORATION LOCATIONS</b>
<b>Hazardous Waste and Waste Oil Area</b>	<p>Hazardous waste and waste oils were reclaimed and stored in and around B-13 and B-15, and at the former Oil House Tank Farm.</p> <p>Materials managed include:</p> <ul style="list-style-type: none"> <li>Accumulated oil - a mixture of lubrication, hydraulic and cutting oils</li> <li>1,1,1-TCA/Varsol</li> <li>Waste jet fuel</li> <li>Waste oil</li> <li>Solvent/oil mixture</li> </ul>	AOC 1 Waste Oil Accumulation Tanks in the Former Oil House Tank Farm	EBS01-1, EBS01-2, BR-6, HA-99-08, D-3, D-4, D-4-1, WC2-1S
		AOC 2 Hazardous Waste Accumulation Tanks in the Former Oil House Tank Farm	EBS01-1, EBS01-2, BR-6, HA-99-08, D-3, D-4, D-4-1, WC2-1S
		AOC 3 Hazardous Waste and Waste Oil Transfer Systems Between Buildings B-13 and B-15	BR-4, SB08L1-7, SB09B6-1, SB09C1-1, SB09C2-1, SG-99-47, WC-5S
		AOC 7 Oil/Alum Tank	SB09B10-1
		AOC 12 Container Accumulation Area and Associated Drains	EBS12-1, EBS12-2
		AOC 13 Original Container Storage Area	No sample
		AOC 16 Metal Chips Oily Sump	SB09B11-1
		AOC 28 Building B-15 and Associated Satellite Accumulation Areas	BR-3, BR-5, SB09B6-1, SB09B7-1, SB09B8-1, SG-99-30, SG-99-47
		AOC 53 Drum Staging Area Between the Former Oil House Tank Farm and Building B-37	SB09C1-1
		Building B-13 Former Chemical Storage and Scrap Metal Reclamation	SB09B3-1, SB09B9-1, SG-99-14, SG-99-33, SB09B2-1
		Container Storage Pad and Collection Trench Northeast of Building B-13	BR-2, SB09B4-1
		Magnesium-Thorium Scrap Yard Between Buildings B-13 and B-44	SB08L1-8
		Open Storage Area Between Buildings B-16 and B-74	HA-99-07, SB09A1-1, SB09A1-2, SB09A1-3, SB09A1-4, SB09A2-1, SB09C2-1, SB14A2-1, SB14A2-2, SB17A4-1, SG-99-15, WC-5S
<b>Chemical Waste Treatment System</b>	<p>The chemical waste treatment system includes the sumps, lines and treatment of the former metal treatment and plating areas located in B-2, B-3 and B-6</p> <p>Materials managed include:</p> <ul style="list-style-type: none"> <li>Plating wastewaters containing metals and cyanide</li> </ul>	AOC 8 CWTP Collection System, Pump Station, and Associated Piping	LW-12, SB12-3, SB12A1-1, SB12B1-1, SB12E1-1, SB12B4-1, SB19A1-4, SB19A1-5, SB19A1-6, SB24D1-1, WC-10S (soil), WC-12S, WC-14S
		AOC 9 Chemical Waste Treatment System: Cyanide Destruction Facility	SB12B6-1, SB12B6-2
		AOC 10 CWTP in Building B-18	SB20A1-1, SB20A1-2, SB20A1-3, EBS43-1
		AOC 11 CWTP Solids Handling Area in Building B-71	EBS11-1
		AOC 14 Container Storage Areas A and B	EBS14-1, SB20A2-1, SB20A2-2

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	<ul style="list-style-type: none"> <li>Chlorinated solvents</li> <li>Waste jet fuel</li> <li>Waste oil</li> <li>Sludges/solids from pre- and post-treatment of waste waters</li> <li>RCRA-regulated wastes in &lt;90-day storage areas</li> </ul>	AOC 15 Sludge Roll-off Container Area North of Building B-71	No sample
		AOC 18 Equalizing Impoundment (Lagoon #1)	Not applicable
		AOC 19 Sludge Drying Beds (Lagoons #2, #3 and #4)	Not applicable
		AOC 25 Outfall-008 and Drainage Ditch	008 (SD), OF-008 (SD), SD08001A
		AOC 43 Former UST at Building B-18	SB20A1-1
<b>Manufacturing, Plating, Research and Development, and Testing Areas</b>	<p>Manufacturing areas were located in B-2 and B-10. Plating operations were located in B-2 and southeastern B-3. R&amp;D areas in northern B-3, B-3A, B-4, and B-6. Testing in B-7/7A, B-8, B-16 and B-19.</p> <p>Materials managed include:</p> <ul style="list-style-type: none"> <li>Chlorinated solvents</li> <li>Plating solutions</li> <li>Gasoline</li> <li>Jet fuel</li> <li>Heating oil</li> <li>Waste oil</li> <li>Waste paint</li> <li>Varsol</li> </ul>	<b>Manufacturing and Plating Areas</b>	
		AOC 22 Waste Paint Tank Located Between Buildings B-2 and B-3	No sample
		AOC 26 Former Septic Systems Beneath Building B-2	SB13I1-1, SB12E2-1, SB08G1-1
		AOC 37 Building B-10 and Associated Satellite Accumulation Areas	SB13F1-1, SB13G1-1, SB13H1-1, WP-99-27, WP-99-31, WP-99-43
		AOC 38 Building B-2 Former USTs	No sample
		AOC 49 Building B-2 Manufacturing Areas	SB08A-1, SB08A-2, SB08A-3, SB08C1-1, SB08C2-1, SB08C3-1, SB08C4-1, SB08D1, SB08D2, SB08E1-1, SB08E1-2, SB08F1-1, SB08F1-2, SB08G1-1, SB08H1-1, SB08H1-2, SB08I1-1, SB08I1-2, SB08J1-1, SB08K1-1, SB08K1-2, SB08K1-3, SB08K1-4, SB08K2-1, SB08L1-5, SB08L1-9, SB12A1-1, SB12B3-1, SB12B3-2, SB12B3-3, SB12C1-1, SB12C1-2, SB29A1-1, SB29A1-2, SB29A1-3, SB29A1-4, HESE-01-06D, HESE-01-06I, HESE-01-07D, HESE-01-07I, HESE-01-12D, HESE-01-12I, HESE-01-14I
		AOC 50 Building B-2 Plating Area	SB12B1-1, SB12B2-1, SP-98-01 through SP-98-06, SP-99-01 through SP-99-05, SP-99-07 through SP-99-09, SP-99-11 through SP-99-14, SP-99-17 through SP-99-20, WP-99-04, WP-99-08, WP-99-12, WP-99-15
		AOC 51 Building B-3 Plating Area	DP5-6 through DP5-10
		Former Gasoline USTs near Building B-10	SB13I1-1
		<b>Research and Development Areas</b>	
		AOC 31 Building B-6 and Associated Satellite Accumulation Areas	SB24A1-1, SB24A1-2, SB24A2-1, SB24A2-2, SB24A3-1, SB24A4-1, SB24A4-2, SB24A4-4

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		AOC 34 Building B-3A and Associated Satellite Accumulation Areas	SB27A1-1, SB27B1-1, SB27C1-1
		AOC 39 Building B-4 Former Brine UST	SB27E6-1, SB27E7-1
		AOC 40 Building B-6 Former USTs	No sample
		AOC 55 Building B-72 and Associated Petroleum Storage Tanks	BR-9, BR-10, SB23A1-1, SB23A1-2, SB23A1-3
		AOC 56 Research and Development Area in Northern Building B-3, Building B-3A and Building B-4	EBS73-1, SB12D1-1, SB12D1-2, SB12D1-3, SB16A1-1 thru SB16A1-4, SB16D1-1 thru SB16D1-3, SB27A1-1, SB27B1-1, SB27C1-1, SB27D1-1, SB27E2-1, SB27E3-1, SB27E4-1, SB27E6-1, SB27E7-1, SB27E8-1, SG-99-22, SG-99-23, SG-99-38, SG-99-39, DP2-5, DP5-2 through DP5-5, PZ-13D
		AOC 59 Building B-4 Drum Storage Area	SB27E2-1
		AOC 60 Building B-6A Waste Oil and Rags (Satellite Accumulation Area)	SB24B1-1, SB24B1-2
		AOC 61 Building B-6A Waste TPC and Oil (Satellite Accumulation Area)	SB24B1-1, SB24B1-2
		Building B-53 and Associated Fuel Storage Areas	No sample
		<b>Testing Areas</b>	
		AOC 23 Building B-19 Drywell	No sample
		AOC 30 Building B-34 and Associated Satellite Accumulation Areas	No sample
		AOC 32 Building B-5 and Associated Satellite Accumulation Areas	SB27E9-1
		AOC 33 Building B-19 and Associated Satellite Accumulation Areas	SB28A1-1, SB28A1-2, SB28A2-1, SB28A2-2, SG-99-28, SG-99-52
		AOC 35 Building B-43 and Associated Satellite Accumulation Areas	No sample
		AOC 44 Building B-19 Former USTs	No sample
		AOC 45 Jet Fuel Tank Farm Former USTs	SB27E1-1, SB27E1-2, SB27E1-3, SB27E1-4, SB27E10-1, DP2-7, DP2-8
		AOC 48 Building B-16 and Associated Satellite Accumulation Areas	SB17A2-1, SB17A2-2, SB17A2-3, SB17A2-4, SB17A2-6, SB17A3-6, SB17A3-7, SB17B1-1, SB17C1-1, SG-99-32, SG-99-34, WP-99-57, WC2-3S, DP2-3, WC-3S, WP-99-60, MW-3

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		AOC 57 Drum Storage Area East (North) of Building B-19	SB31A1-1, SB31A1-2, SB31A1-3, WC-1S
		AOC 58 Scrap Metal Yard North of Building B-16	SB14A2-1, SB17A4-1, SB17A3-4
		AOC 62 Building B-7 Waste Oil Satellite Accumulation Area and Building B-7/7A Drains	SB13C1-1, SB13D1-1, SB13D1-2, SB13D1-3
		AOC 63 Building B-8 Flammable Storage Area	SB13B1-1
		AOC 64 Building B-8 Waste Paint Satellite Accumulation Area	SB13B1-1
		AOCs 65 – 67 Building B-19 ASTs North of Building	SB31A2-1, SB31A2-2
		AOCs 68 –69 Building B-19 ASTs Northwest of Building	BR-1
		Building B-9 Floor Drain	SB13E1-1
		ASTs Southeast of Building B-33	No sample
<b>Stormwater and Wastewater System</b>	<p>The stormwater and waste water system is located throughout the plant and collected wastewater from B-16, the test cell building, and the Oil/Alum Tank at B-13. The system includes drains, sumps, piping, the Oil Abatement Treatment Plant, and outfall locations.</p> <p>Liquids managed include:</p> <ul style="list-style-type: none"> <li>– Wash water</li> <li>– Fire protection water</li> <li>– Spills of jet fuel</li> <li>– Chlorinated solvents and oils</li> </ul>	AOC 4 Building B-16 Floor Drains, Sumps and Piping	SB17A2-1, SB17A2-2, SB17A2-3, SB17A2-4, SB17A2-6, SB17B1-1, SB17C1-1, SG-99-32, SG-99-34, WP-99-57, WC2-3S, DP2-3, WC-3S, WP-99-60, MW-3
		AOC 5 Stormwater and Wastewater Collection System for OATP	<u>Line to B-36:</u> BR-8, SB05A2-1 <u>Line to B-37:</u> SB08L1-6, SB08L1-7, SB09C2-1 <u>Line to B-38:</u> SB08L1-9, SB09A2-1 <u>Line to B-40:</u> SB08L1-2, SB08L1-3, SB08L1-4, SB08L1-5, SB17A1-1, SB17A3-1, SB17A3-5, SB17A5-1 <u>Line to B-41:</u> SB27E11-1, SB27E11-2, SB27E11-3 <u>Line to B-64-1:</u> SB17A3-2, SB17A3-3, SB17A3-4, SB17A3-8
		AOC 6 OATP in Building B-64-2	No sample
		AOC 24 Discharge to the Housatonic River at Outfall-007	OF-007 (SD)
		AOC 52 Outfalls-001 through -006 and the Intertidal Flats	OF-001 (SD), OF-002 (SD), OF-003 (SD), OF-004 (SD), OF-005 (SD), OF-006 (SD), TA1, TC1, TD1, TE1, TF1, SDTA001A
		AOC 17 Soil Pile, South Parking Lot	SB19A1-1, SB22A1-1, SB22A1-2, SB22A1-3
		AOC 20 Causeway	Not Applicable

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<b>Miscellaneous AOCs</b>		AOC 21 Building B-65 Area; Previous Location of Buildings B-52 and B-55	SB03A1-1, SB06A2-2, SB06A2-3, SB09B7-1
		AOC 27 Building B-58 and Associated Satellite Accumulation Areas	No sample
		AOC 29 Building B-48 and Associated Satellite Accumulation Areas	EBS29-1
		AOC 36 Building B-12 and Associated Satellite Accumulation Areas	No sample
		AOC 41 Building B-9 Former USTs	SB33A1-1
		AOC 42 Building B-9 USTs	SB33A1-1
		AOC 46 Building B-52 Former UST	SB08J1-1
		AOC 47 Building B-73 Radioactive Waste Storage Area	Not Applicable
		AOC 54 Building B-17	SB24C1-1
		AOCs 70 –72 ASTs near Building B-44	No sample
		AOC 73 Fuel, Lubricating, and Hydraulic Oils near B-69	No sample
		AOC 74 Building B-2 PCB Transformers	No sample
		AOC 75 Building B-3 PCB Transformers	No sample
		Former Pits or Lagoons near the North Parking Lot	SB01A1-1, SB01A1-2
		Shed North of Building B-12 Used to Store Cuttings	SB13A1-1

Prepared by: RTB  
Checked by: DRP